

ing the item(s). The information associated with the item(s) can also include information for manufacturing one or more of the item(s) as a MOD item 110, such as specifications of the item(s) or manufacturing instructions 107 for the item(s). At 1704, the supplier interface module 602 can provide a supplier 103 an option for listing a MOD item in an electronic marketplace. At 1706, the supplier interface module 602 can provide a supplier 103 an option for listing a non-MOD item in the electronic marketplace. The items listed in the electronic marketplace can be made available for consumption via the electronic marketplace. With these options, a supplier 103 may choose to list an item in the marketplace as a non-MOD item, to list an item in the marketplace as a MOD item 110, or to list an item in the marketplace as available either as a non-MOD item or as a MOD item 110. Listing an item in the marketplace as available as a MOD item 110 can reduce the physical space a supplier 103 maintains for storing items as non-MOD items. At 1708, the order module 402 can list the item in an electronic marketplace accessible by a user 102. The order module 402 may list the item in the marketplace designating the item as a MOD item, designating it as a non-MOD item, designating it as either a MOD item or a non-MOD item, or without designating it as a MOD item or non-MOD item. At 1710, the order module 402 can receive a request for an item listed in the marketplace. At 1712, the manufacture module 802 can provide information for manufacturing the item as a MOD item. At 1714, the delivery module 1002 can provide information for delivery of the item as a non-MOD item. In embodiments, an order 104 may involve providing both a MOD item 110 and a non-MOD item. In some embodiments, the non-MOD item may be an assembly that includes a subcomponent produced as a MOD item 110. For example, an order 104 may involve a bag having a number of buckles or clasps. One or more of the buckles or clasps may be printed via a 3D manufacturing apparatus 108 (i.e., subcomponents produced as MOD items 110) and included with or installed on the bag (i.e., non-MOD item assembly) that is shipped to the user 102.

[0114] Methods can be provided for determining the manner in which an item is provided to a user 102. For example, a method may be provided for determining whether an item will be provided to a user 102 as a MOD item or as a non-MOD item. In various aspects, a supplier 103 or vendor of an item may select parameters for determining the manner in which the item will be provided to a user 102. In some aspects, the manner in which an item is to be provided to a user 102 may be determined utilizing parameters without supplier 103 involvement. FIG. 18 is a flow chart representing a process 1800 that can be executed by a system 200 for determining the manner in which an item is provided to a user 102. At 1802, the delivery module 1002 or the supplier interface module 602 can receive an order 104 for an item from a user 102 in an electronic marketplace. The item can be associated with 3D manufacturing instructions 107 such that the item can be produced as a MOD item 110. At 1804, the order module 402 can evaluate one or more parameters associated with various manners of fulfilling the order 104. Non-limiting examples of parameters that may be evaluated in determining a delivery method include time of delivery, cost to make, shipping or other delivery cost, location of existing parts, location of 3D manufacturing apparatus 108, availability of 3D manufacturing apparatus 108, longevity or expected useful life of an item, supplier 103 preferences, service provider 101 preferences, and user preferences. At 1806, the delivery module

1002 can determine whether one or more of the parameters are met. If the parameter(s) are met (Yes at 1806), then at 1808, the manufacture module 802 can provide instructions for manufacturing the item as a MOD item 110. At 1812, the delivery module 1002 can provide instructions for providing the MOD item 110 to the user 102. As non-limiting examples, the delivery module 1002 can provide instructions to manufacture the MOD item 110 and deliver the MOD item to an address, to manufacture the MOD item 110 and deliver the MOD item to a pick-up location, or to manufacture the MOD item 110 on a 3D manufacturing apparatus 108 of a user 102. If the parameter(s) are not met (No at 1806), then at 1810, the delivery module 1002 can provide instructions for obtaining the item as a non-MOD item, such as an item previously manufactured before receipt of the order 104. At 1812, the delivery module 1002 can provide instructions for providing the obtained item to the user 102.

[0115] Methods can be provided for associating environmental offsets with suppliers 103 that utilize systems of a service provider 101 to distribute MOD items 110 to users 102. FIG. 19 is a flow chart representing a process 1900 that can be executed by a system 200 for associating environmental offsets with suppliers 103 that utilize systems of a service provider 101 to distribute MOD items 110 to users 102. At 1902, the order module 402 can provide items from a plurality of suppliers 103 or vendors for consumption in an electronic marketplace. At 1904, the supplier interface module 602 can maintain information about orders 104 for items that were fulfilled via MOD items 110 on behalf of suppliers 103. The MOD items 110 utilized to fulfill orders 104 can be based on a 3D manufacturing instructions 107 provided by the supplier 103. At 1906, the supplier interface module 602 can provide the information about the fulfillment via MOD items 110 to an environmental offset program. For example, the information may include an evaluation of resources consumed in producing the MOD item 110 used in fulfilling an order 104. The information may also include an evaluation of the resources that would have been consumed had the item been producing in another fashion and not as a MOD item 110. Information provided at 1906 can be provided to an entity administering an environmental offset program, to the supplier 103, to the user 102, other interested parties, or to any combination thereof.

Digital Store for MOD Items

[0116] Systems discussed herein may provide various methods for providing services associated with mod items 110. The methods utilized for providing services associated with mod items 110 may affect the functions performed by various modules discussed above. The following discussion of examples of methods for providing services associated with mod items 110 may illustrate ways that such methods may affect the functions performed by previously discussed modules.

[0117] Methods can be provided for providing services associated with MOD items 110. For example, services associated with MOD items 110 may include services that provide the designs and/or 3D manufacturing apparatuses 108 for producing MOD items 110. In some aspects, a user 102 may be interested in services providing both the designs and the use of a 3D manufacturing apparatus 108 for producing MOD items 110. For example, the user 102 may be cost conscious and prefer to peruse ready made designs for production upon request rather than invest time or resources into developing